COZY GAS HEATING EQUIPMENT

www.cozyheaters.com

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This section contains product and TECHNICAL DATA only.
For additional information and product pricing please contact your local **ECCO** Sales Branch.

ECCO is proud to be a member of:

ASHRAE
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HARDI
Heating, Airconditioning & Refrigeration Distributors International
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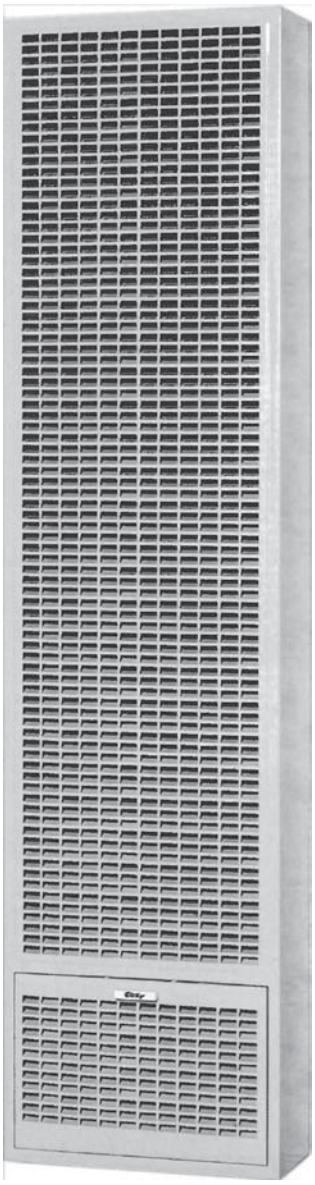
SMACNA
Sheet Metal and Air Conditioning Contractors' National Association
www.smacna.org

SPIDA
Spiral Duct Manufacturers Association
www.spida.org

GRAVITY WALL FURNACES

3 Models to choose from ... 25,000 to 50,000 BTU

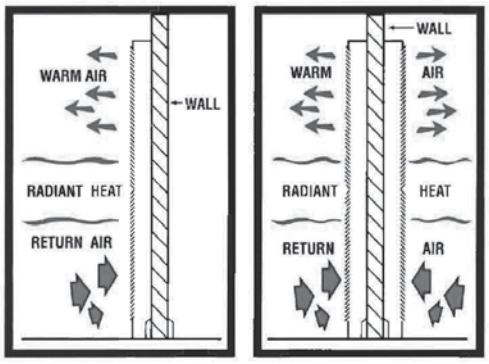
COZY Gravity Wall Furnaces mount on any inside or outside wall (single wall model only) with 16" center stud space and provide both circulated and radiated heat — a preferred combination! Available in either single wall or dual wall models, they provide economy and flexibility of operation and allow individual temperature control in "hard-to-heat" areas. COZY is a perfect answer for either new construction or remodeling heating applications.



Features:

- Neutral Bone Baked Enamel Finish resists fading and cleans easily with a damp cloth.
- Resettable Blocked Flue Safety Device automatically shuts the unit off in the event of flue blockage or incorrect vent installation.
- "Unibody" Grille Construction of heavy gauge steel eliminates heat warpage.
- Self Energizing Controls provide their own power, eliminating heat loss even during a power failure.
- 430 Stainless Steel, Ported Burner provides quiet ignition and extinction and excellent flame characteristics for Natural and L.P. gas.
- Low BTU Pilot is durably constructed of stainless steel and provides maximum efficiency during standby.
- Continuous Seam Welded Combustion Chamber constructed of heavy gauge steel, maximizes heat transfer and is warranted for ten (10) years.
- Optional Thermostatically Controlled Fan is available for single and dual wall furnaces to enhance air circulation and eliminate air stratification.
- Wall Thermostat Standard — Built-in Bulb Stat control optional.

Single or Dual Wall Models Available



Limited Warranty on Combustion Chamber

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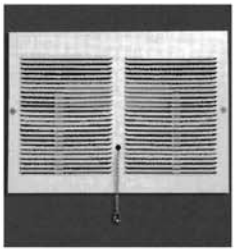
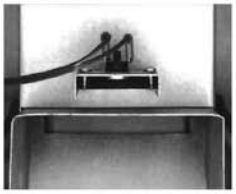
GRAVITY WALL FURNACES *(cont'd)*

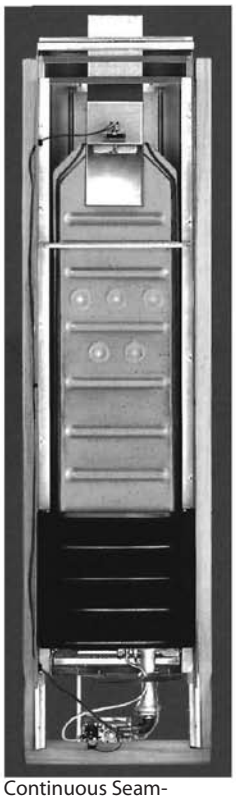


Single Wall Furnace models may be equipped with a Rear Register Kit and Grille (40542) allowing warm air to circulate into the adjoining room. Adjustable vent controls air flow.

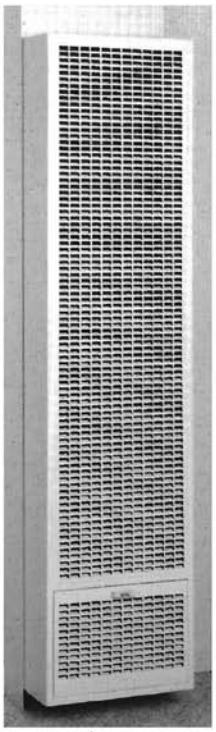


Resettable Blocked Flue Safety Device automatically shuts the unit off in the event of flue blockage or incorrect vent installation.

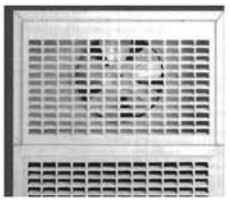
Optional built-in bulb stat kit with side control (BBSK).



Continuous Seam-Welded Combustion Chamber constructed of heavy gauge aluminized steel, maximizes heat transfer. Warranted for ten (10) years.



Free Standing Kit (FSK) allows single wall furnaces to be surface mounted. Eliminates cutting holes in wall – ideal for masonry wall installation. For use with ceilings up to 8'6" tall; adds 4-3/4" to unit depth (vent pipe not included). Weight: 16 lbs.



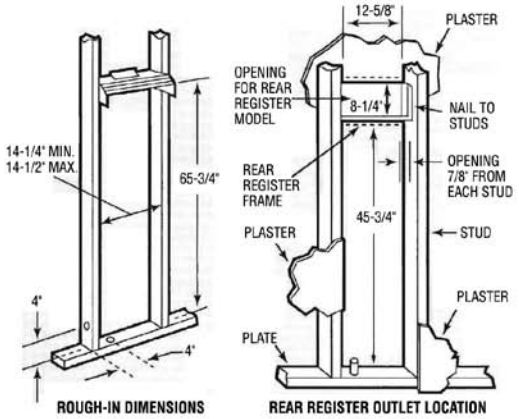
Fan accessory kit (WFF81) available for installation on top of furnace to increase circulation. Adds only 10-1/2" to height of casing. Fits flush against wall – not recessed. Operates at 50 CFM on 115V.

3003P – Optional wireless remote thermostat, provides 7 day programming.

40VK – Optional vent kit. Includes: (1) 4" oval base plate, (2) 24" sections oval b/w vent pipe, (1) 4" oval round adapter, (2) ceiling plate spacers.

ROUGH IN

Easy installation method reduces installation time to minutes ... only one man needed. New positive fastening tabs hold grille in place ... makes installation a snap!



SPECIFICATIONS

Model Number	Type Control	Type Gas	BTU/Hr. Input	Vent Size	Gas Inlet	Finished Dimensions	Shipping Weight	Rear Register Kit		Fan Kit	
								Model	Weight	Model	Weight
SINGLE WALL											
W255	M. Volt	Nat.	25,000	4"	1/2"	16-1/2"W × 68-3/8"H × 6-1/2"D	90 lbs.	40542	5 lbs.	WFF81	10 lbs.
W256	M. Volt	L.P.	25,000	4"	1/2"	16-1/2"W × 68-3/8"H × 6-1/2"D	90 lbs.	40542	5 lbs.	WFF81	10 lbs.
W355	M. Volt	Nat.	35,000	4"	1/2"	16-1/2"W × 68-3/8"H × 6-1/2"D	90 lbs.	40542	5 lbs.	WFF81	10 lbs.
W356	M. Volt	L.P.	35,000	4"	1/2"	16-1/2"W × 68-3/8"H × 6-1/2"D	90 lbs.	40542	5 lbs.	WFF81	10 lbs.
DUAL WALL											
W505	M. Volt	Nat.	50,000	4"	1/2"	16-1/2"W × 68-3/8"H × 6-1/2"D	134 lbs.	N/A	N/A	WFF81*	101bs.
W506	M. Volt	L.P.	50,000	4"	1/2"	16-1/2"W × 68-3/8"H × 6-1/2"D	134 lbs.	N/A	N/A	WFF81*	101bs.

*One or two fan kits may be used on dual-wall furnace.

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COUNTERFLOW AND DIRECT VENT COUNTERFLOW WALL FURNACES

COUNTERFLOW WALL FURNACES

5 Models to choose from 35,000 to 65,000 BTU

COZY offers the answer to your remodeling or new construction heating needs, with the Counterflow Wall Furnace series. COZY Counterflows combine contemporary styling and forced air efficiency. A powerful, thermostatically controlled blower pulls cold air into the upper grille and delivers warm air at floor level where it's needed most.

Counterflow action provides uniform room temperatures and economic operation. Optional side or rear outlet kits are available to further disperse heat into adjacent rooms.

COZY Counterflows feature an attractive neutral bone, baked enamel finish, and casing of textured steel that enhances any room setting. Counterflow Wall furnaces vent straight up and can be mounted on inside or outside wall.

10 YEAR LIMITED WARRANTY

Limited Warranty on Combustion Chamber and Burner

DIRECT VENT COUNTERFLOW WALL FURNACES

4 Models to choose from 40,000 to 62,500 BTU

COZY Direct Vent Counterflow Wall Furnaces incorporate three preferred concepts in heating — fan forced efficiency, counterflow heat delivery and sealed-combustion/ direct venting. Cooler air is drawn into the top of the unit, heated and delivered at floor level where it is needed most. Sealed-combustion means the unit draws combustion air from outside and exhausts combustion products to the outside making safety a paramount consideration and allowing installation in sleeping quarters. Direct venting eliminates expensive ductwork and simplifies installation. Cozy Direct Vent Counterflows mount on any outside wall and are perfect for multi-storey, room addition, garage apartment, and vacation housing applications.

10 YEAR LIMITED WARRANTY

Limited Warranty on Combustion Chamber and Burner

Features:

- Wall Thermostat is standard on all units assuring convenient operation.
- Thermostatically Controlled Blower draws cooler air into unit top and distributes heat at floor level.
- Standing Pilot (low BTU) or Intermittent Ignition Device available as standard equipment, featuring 100% safety shut-off.
- Manual Spark Igniter (standing pilot units only) eliminates the need for matches or lighting tools.
- Multi-Port Stainless Steel Burner provides excellent flame characteristics and quiet ignition and extinction.
- Aluminized, Continuous Seam-Welded Combustion Chamber maximizes heat transfer, resists burnout and is warranted for 10 years (no pro rata).
- Optional Side Outlet Kits are available to disperse air to unit sides or adjacent rooms.
- Optional Rear Register Kit to duct air to rear (Counterflow only).
- Optional Cabinet Trim Kit available to trim out recessed installation.
- Junction Box provided inside upper casing to facilitate installation.
- Recessible — Counterflow up to 9-1/4" Direct Vent Counterflow up to 10".
- Resettable blocked flue safety device standard equipment — Counterflow.

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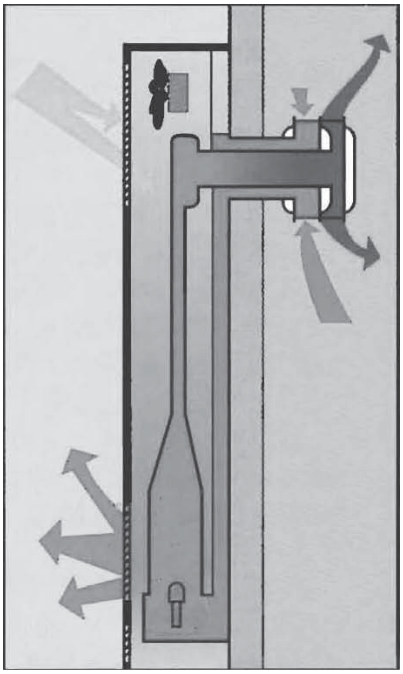
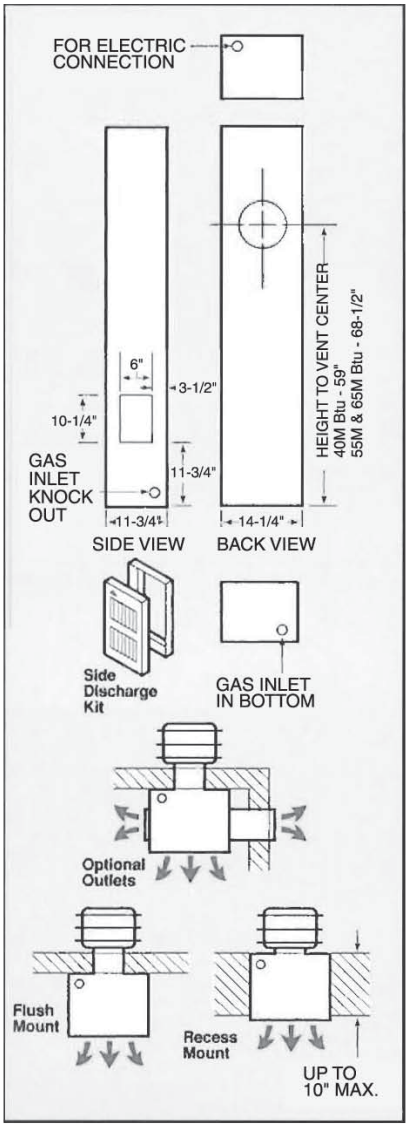
COUNTERFLOW AND DIRECT VENT COUNTERFLOW WALL FURNACES *(cont'd)*

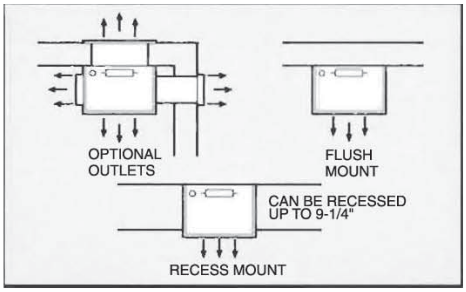
DIRECT VENT COUNTERFLOW DESIGN AND ROUGH-IN



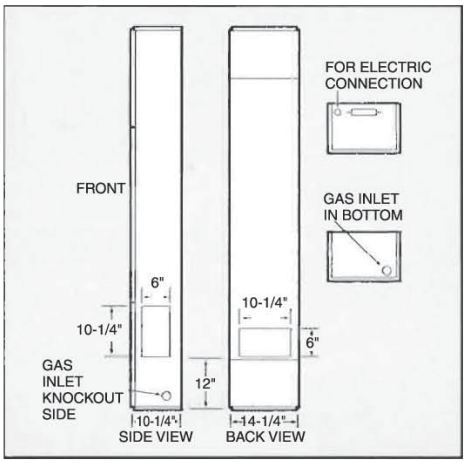
Standard Vent Assembly — Direct Vent Counterflow accommodates wall thickness from 3/4" (recessed) to 12". Requires 9-1/4" wall opening.



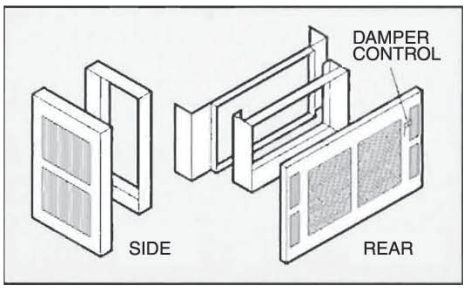
TOP VENT COUNTERFLOW ROUGH-IN



Installation options



Side/rear outlet installation



Side/rear discharge kits with diffusers

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COUNTERFLOW AND DIRECT VENT COUNTERFLOW WALL FURNACES *(cont'd)*

COUNTERFLOW SPECIFICATIONS

Model Number	Type Control	Type Gas	BTU/HR Input	Vent Size (Oval)	Gas Inlet	Finished Dimensions	Amps	Blower Speed	CFM	Approx. Shipping Weight
CF353	24 Volt	Nat.	35,000	4"	1/2"	14-5/16"W × 10-1/4"D × 78-5/8"H	1.95	1	320	95 lbs.
CF354	24 Volt	L.P.	35,000	4"	1/2"	14-5/16"W × 10-1/4"D × 78-5/8"H	1.95	1	320	95 lbs.
CF503	24 Volt	Nat.	50,000	4"	1/2"	14-5/16"W × 10-1/4"D × 81-5/16"H	2.25	2	340	107 lbs.
CF504	24 Volt	L.P.	50,000	4"	1/2"	14-5/16"W × 10-1/4"D × 81-5/16"H	2.25	2	340	107 lbs.
CF653	24 Volt	Nat.	65,000	4"	1/2"	14-5/16"W × 10-1/4"D × 87-5/16"H	2.25	2	440	116 lbs.
CF654	24 Volt	L.P.	65,000	4"	1/2"	14-5/16"W × 10-1/4"D × 87-5/16"H	2.25	2	440	116 lbs.
Models with Intermittent Ignition										
CF357	24 Volt	Nat.	35,000	4"	1/2"	14-5/16"W × 10-1/4"D × 78-5/8"H	2.25	1	320	96 lbs.
CF358	24 Volt	L.P.	35,000	4"	1/2"	14-5/16"W × 10-1/4"D × 78-5/8"H	2.25	1	320	96 lbs.
CF557	24 Volt	Nat.	55,000	4"	1/2"	14-5/16"W × 10-1/4"D × 87-5/16"H	2.50	2	440	116 lbs.
CF558	24 Volt	L.P.	55,000	4"	1/2"	14-5/16"W × 10-1/4"D × 87-5/16"H	2.55	2	440	116 lbs.

DIRECT VENT COUNTERFLOW SPECIFICATIONS

Model Number	Type Control	Type Gas	BTU/HR Input	Vent Size (Oval)	Gas Inlet	Finished Dimensions	Amps	Blower Speed	CFM	Approx. Shipping Weight
DVCF403	24 Volt	Nat.	40,000	–	1/2"	14-5/16"W × 11-3/4"D × 78-5/8"H	1.95	1	320	128 lbs.
DVCF404	24 Volt	L.P.	40,000	–	1/2"	14-5/16"W × 11-3/4"D × 78-5/8"H	1.95	1	320	128 lbs.
DVCF653	24 Volt	Nat.	62,500	–	1/2"	14-5/16"W × 11-3/4"D × 87-5/16"H	3.05	2	440	142 lbs.
DVCF654	24 Volt	L.P.	62,500	–	1/2"	14-5/16"W × 11-3/4"D × 87-5/16"H	3.05	2	440	142 lbs.
Models with Intermittent Ignition										
DVCF407	24 Volt	Nat.	40,000	–	1/2"	14-5/16"W × 11-3/4"D × 78-5/8"H	2.20	1	320	130 lbs.
DVCF408	24 Volt	L.P.	40,000	–	1/2"	14-5/16"W × 11-3/4"D × 78-5/8"H	2.25	1	320	130 lbs.
DVCF557	24 Volt	Nat.	55,000	–	1/2"	14-5/16"W × 11-3/4"D × 87-5/16"H	3.30	2	440	144 lbs.
DVCF558	24 Volt	L.P.	55,000	–	1/2"	14-5/16"W × 11-3/4"D × 87-5/16"H	3.35	2	440	144 lbs.

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DIRECT VENT FURNACES

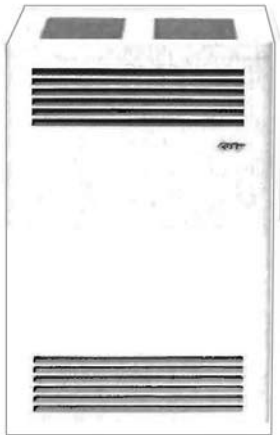
The COZY Direct Vent Furnace is the perfect choice for today's zone heating needs. It mounts easily on any outside wall and occupies a minimum of space. The sealed combustion chamber draws air for combustion from out of doors and exhausts the products of combustion to the outside keeping room air fresh as springtime. The telescoping vent assembly containing air inlet tube, vent tube, and cap is included eliminating the need for expensive and difficult-to-install vent pipe systems. A wall mounted thermostat is standard or an optional built-in bulb stat kit (BBSK) is available.

Both provide exact temperature control even if the power fails. All controls include 100% safety pilot and pressure regulator for safe, efficient operation.

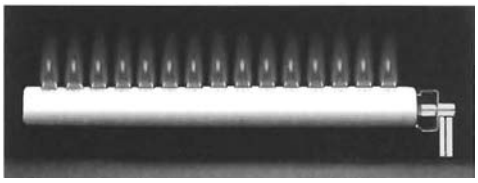
Contemporary styling in attractive neutral bone finish blends with any decor.

The louvered cabinet design maximizes airflow to provide even temperatures from floor to ceiling.

Optional automatic blower provides even better air circulation (fits all units). 81 CFM.

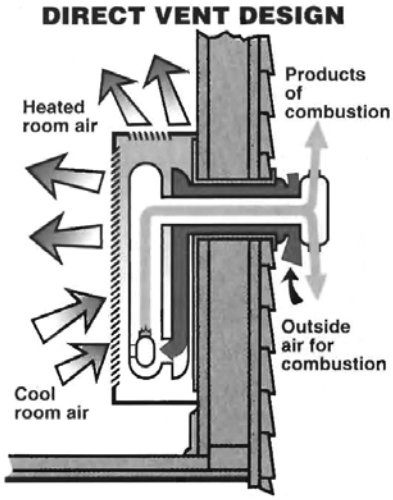


CDV15



430 Stainless Steel Burner

Cozy's burner design assures quiet ignition, extinction and provides excellent flame characteristics for both natural and propane gas. Burner and control are easily removed for cleaning and service.



10 YEAR LIMITED WARRANTY

Limited Warranty on Combustion Chamber

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DIRECT VENT FURNACES *(cont'd)*

COZY Direct Vents feature factory installed controls that include an energy efficient low-BTU, 100% safety pilot, a built-in pressure regulator for either natural or propane gas and a convenient, matchless manual spark igniter COZY's control system generates its own power and, therefore requires no electricity to operate, assuring heat even during a power failure! COZY Direct Vents are offered with convenient wall thermostat or optional built-in bulb stat (BBSK) with control knob on unit top. Continuous seam-welded combustion chamber of cold roll steel maximizes heat transfer and bears a 10 year, non pro-rated warranty.

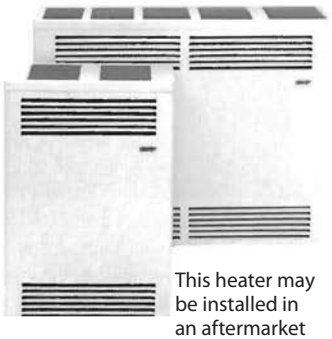
Optional built-in bulb stat kit (BBSK)

Vent Cap Assembly
COZY'S simple vent system is provided with each unit and minimizes installation expense by eliminating costly ductwork. Durably constructed of stainless and galvanized steel, the vent assembly is rainproof, prevents backdrafts, provides fresh air for unit combustion (large tube) and exhausts combustion products outside (small tube) the home. The vent cap includes a safety screen to prevent entry by small animals. The standard telescoping vent fits walls 5" to 9" thick. Optional vent extension kits are available – 15" (all models) and 24" (CDV15 and CDV25 only).

Manual Spark Igniter
Convenient push button pilot flame lighter eliminates need for matches or other lighting tools.

Thermostatically Controlled Blower
(DVB-3) installs in minutes inside the cabinet and is prewired to simplify installation. Requires 115 VAC. 81 CFM.

Installation Template is packed in each carton to allow convenient location of screw holes, vent opening and gas inlet.



This heater may be installed in an aftermarket permanently located, manufactured home, where not prohibited by local codes.

SPECIFICATIONS

Model No. - Nat. Gas	CDV155	CDV255	CDV335
Model No. - L.P. Gas	CDV156	CDV256	CDV336
Input BTU/hr.	15,000	25,000	33,000
Control	M. Volt	M. Volt	M. Volt
	Wall Stat	Wall Stat	Wall Stat
Dimensions (Height width and depth)	29-3/4"H†	31-1/2"H††	31-1/2"H††
	18"W	34-1/2"W	34-1/2"W
	9-3/ 4"D	9-3/ 4"D	9-3/4"D
Gas Inlet Size	1/2"	1/2"	1/2"
Vent Size	9"*	9"*	9"*
Center of horizontal vent to floor	22"	24-1/8"	24-1/8"
Optional Equipment	VK1525/9"-15"	VK1525/9"-15"	VK33/9"-15"
	VK1525/15"-24"	VK1525/15"-24"	N/A
	Fan DVB-3**	Fan DVB-3**	Fan DVB-3**
	BBSK	BBSK	BBSK
Approx. Ship. Wt.	65 lbs.	99 lbs.	99 lbs.

† Includes 1/2" floor Clearance †† Includes 4" floor Clearance * Wall Opening **Weight 4 lbs.

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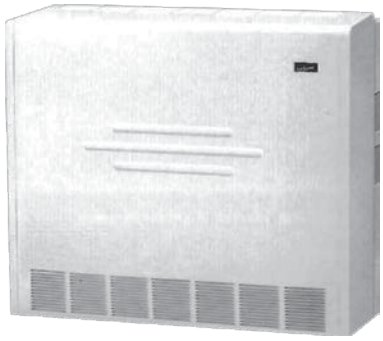
HIGH-EFFICIENT DIRECT VENT FURNACES



The COZY High Efficient Direct Vents (80% +AFUE) are a perfect heating solution for single family residential, rental, summer/winter cabin, below grade and efficiency apartment heating applications.

They mount easily on any outside wall or, if vent/exhaust extensions are used, more centrally into the space to be heated. The sealed combustion chamber draws air for combustion from out of doors and also exhausts the products of combustion to the outside. These 24 volt, draft induced units, include a standard vent kit that can be cut to fit wall thicknesses from 5" – 32" and includes the external vent cap. This eliminates expensive venting and unnecessary labour expense.

Features:

- Two models to choose from: 25M BTU and 40M BTU.
- 24 Volt System (115 volt required).
- Transistorized controls (Self-Diagnosing).
- Tubular, aluminized combustion chambers warranted for 10 years (no pro rata).
- In-shot burners.
- Vent/exhaust extension kits available for below grade snorkel applications (right/left or vertical takeoff).
- Neutral Bone high-temp baked enamel casing paint.
- Wall Thermostat (standard).
- Small silhouette vent cap standard.
- Automatic, draft induction blower system.
- Only requires 3-1/2" outside wall opening.
- Counterflow, warm-floor blower action.

Limited Warranty on Combustion Chamber

HEDV25

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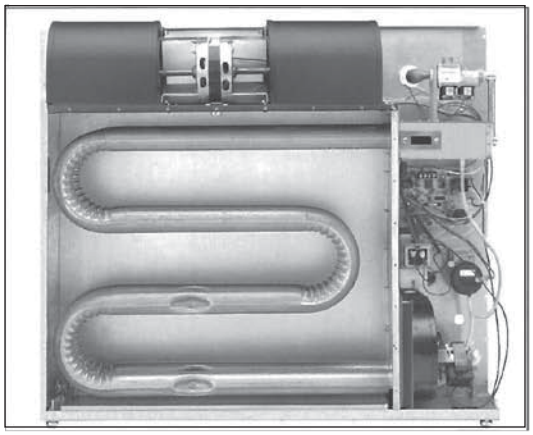
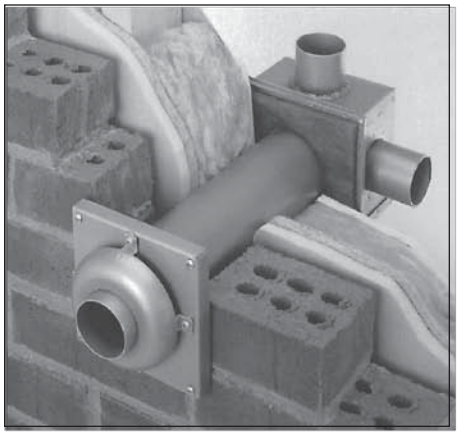
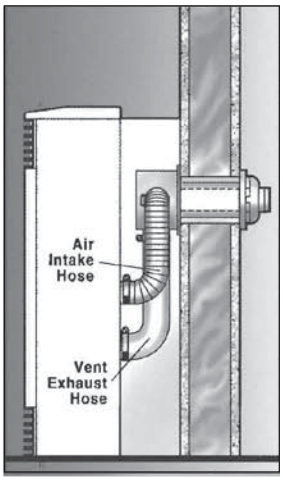
HIGH-EFFICIENT DIRECT VENT FURNACES *(cont'd)*



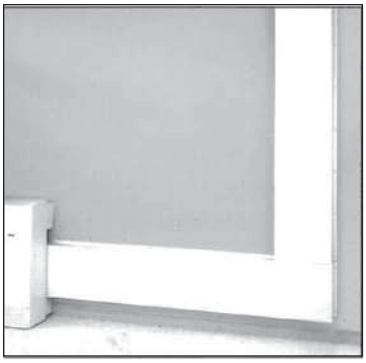
Tubular Aluminized Heat Exchanger enhances efficiencies and carries a 10 year warranty with no pro rata.



Standard Vent Kit can be cut to fit 5" to 32" wall thickness. Diameter of wall opening is only 3-1/2".



HEVK-5 5" Vent Exhaust Kit
Includes one (1) 6' Black Flex Intake Pipe, (1) 5' Flocked Exhaust Tube, (2) 3" Couplings, (3) Support Brackets, (3) 2" Hose Clamps.
(NOTE: 15' maximum with three (3) vent exhaust kits.)

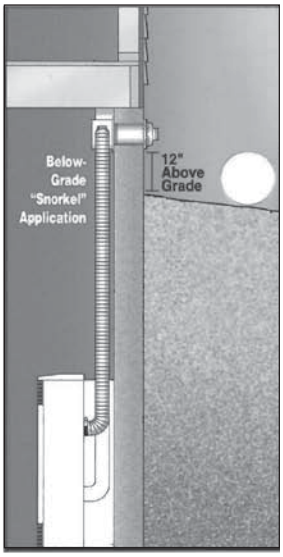


HEVE-5 Vent Enclosure Kit
Includes one (1) 5' Enclosure Body, (1) End Cap, (1) 24" Section Flexible Trip Strip.

OTHER OPTIONAL ACCESSORIES

HEEL-1 90° Elbow Kit
Contains one (1) 90°, 2" aluminized, silicon wrapped steel elbow.
(NOTE: May not use more than three (3) on any unit installation – one (1) comes with the unit.)

HECK-1 Condensation Kit
Contains one (1) 1/4" stainless steel tube-type p-trap with 6" plastic drain tube.



SPECIFICATIONS

Model Number	Type Gas	Input BTU/Hr.	Width	Depth	Height	Weight	Type Control	AMPS	CFM	Centre Vent to Floor	Gas Connection
HEDV253A	NAT.	25,000	24-1/2"	9-3/4"	32-1/4"	100	24 Volt	1.88	200	12-1/2" adj.	3/8"
HEDV254A	L.P.	25,000	24-1/2"	9-3/4"	32-1/4"	100	24 Volt	1.88	200	12-1/2" adj.	3/8"
HEDV403A	NAT.	40,000	34-5/8"	9-3/4"	30-1/2"	120	24 Volt	2.18	500	12-1/2" adj.	3/8"
HEDV404A	L.P.	40,000	34-5/8"	9-3/4"	30-1/2"	120	24 Volt	2.18	500	12-1/2" adj.	3/8"

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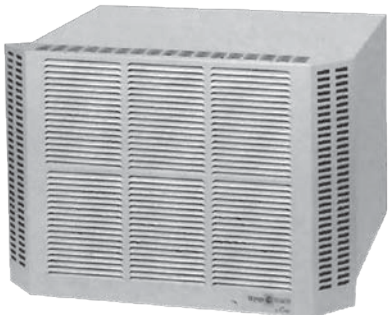
DIRECT VENT THROUGH-THE-WALL GAS HEATERS

The COZY Wind-O-Warm Direct Vent Gas Fired Heater is perfect for efficiently heating rooms that need zone temperature control and are short on space. The Wind-O-Warm Heater also offers great flexibility, it can easily be installed through-a-window or through-a-wall. COZY offers two (2) sizes to choose from; 20M and 40M BTU and the 20M BTU unit fits easily between 16" center studs. The grille face extends only 3" into the room.



It is your cold weather answer in the following heating applications.

- Single and multi-family dwellings, high-rise, commercial, and manufactured housing.
- Residential add-on rooms, bedrooms, dens, garages, family rooms, cabins, efficiency apartments and mobile homes.
- Cold-spots, or any application where space is at a premium.

Limited Warranty on Combustion Chamber

Features:

- Two models 20M BTU and 40M BTU input to choose from.
- 24 Volt wall thermostat standard.
- Power cord (9 ft.) included.
- Tubular, aluminized combustion chamber warranted for 10 years (no pro-rata).
- In-shot burners.
- Slide-in/slide-out chassis for convenient installation and servicing.
- Gas connection is made from the front (interior) of the unit.
- Sealed combustion chamber, draws no room air and exhausts combustion products to the outside.
- Unit casing constructed of durable 20 gauge steel.
- Versatile — the heater can be installed through-a-window or through-a-wall. The 20M BTU unit can fit between 16" center studs.
- Slide-In/Slide-Out Chassis increases the convenience of installing and servicing the heater.
- Grille Face only extends 3" into the living area and is constructed of 22 gauge textured steel.
- Sealed Combustion Chamber draws combustion air from outside and exhausts combustion products to the outside, assuring safety, even in sleeping quarters.
- Seamless, Tube-Type Combustion Chamber is durably constructed and assures maximum, rapid heat transfer. Warranted for 10 years (no pro rata).
- Stainless Steel Burner is designed to assure quiet ignition and extinction, maximum efficiency and provides excellent flame characteristics for Natural or L.P. Gas.

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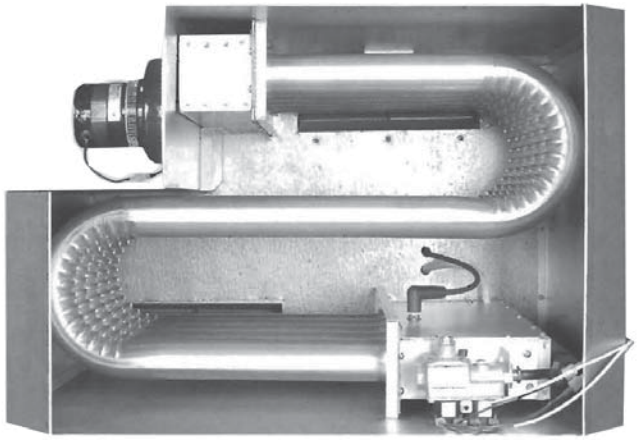
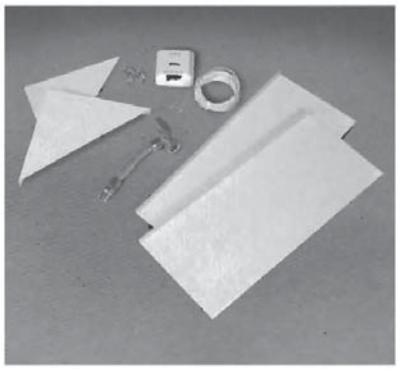
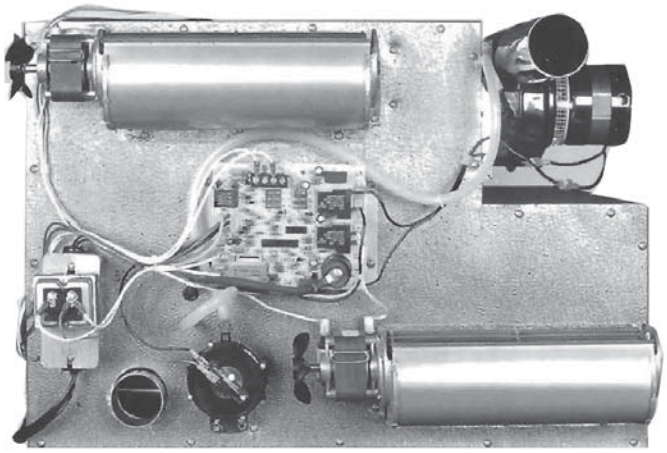
DIRECT VENT THROUGH-THE-WALL GAS HEATERS *(cont'd)*



Tubular, aluminized combustion chamber warranted for 10 years — no pro rata.



Standard accessories: (2) casing support brackets, (2) side enclosure panels, 6" flexible connector with ball cock valve, thermostat and wire.

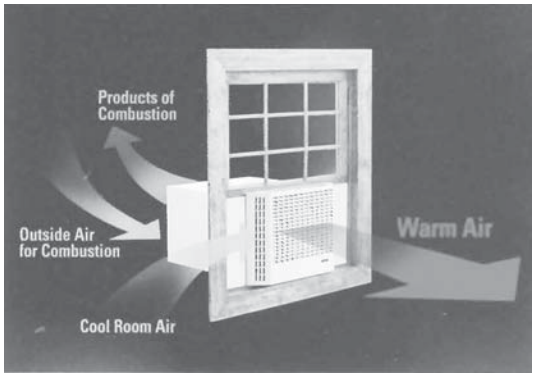


Rear view of cabinet.

Self-diagnosing, direct spark ignition module.

SPECIFICATIONS

Model Number — Natural L.P.	WOW253 WOW254	WOW403 WOW404
Input/BTU/Hr	20,000	40,000
Type Control	24 Volt	24 Volt
Amp Draw	1.88	2.18
Gas Inlet Size	3/8"	3/8"
Electrical Connection	115V	115V
Cabinet Height	17"	17"
Cabinet Width	14-3/8"	25"
Cabinet Depth	29-1/2"	22"
Maximum Wall Thickness	18"	18"
Minimum Wall Thickness	4"	4"
Approx. Ship. Weight	80 lbs.	110 lbs.



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CHALLENGER VENTED GAS FLOOR FURNACES

The COZY Challenger provides warm even heat all winter long through the natural convection of circulating warm air. COZY'S scientific design assures a high volume air exchange (as much as three to five times each hour), guaranteeing uniform temperatures from floor to ceiling.

The COZY Challenger features a factory mounted control with built-in pressure regulator and 100% safety pilot. All controls are millivolt/self energizing, and require no electricity to operate; therefore, there is no need to worry about losing heat during a power failure!

The COZY Challenger occupies no room space and is easily installed between floor joists. The four models are available in four sizes to fit virtually any application. The heavy-duty steel baked-enamel floor register blends perfectly with any flooring composition — hardwood, carpet or tile!

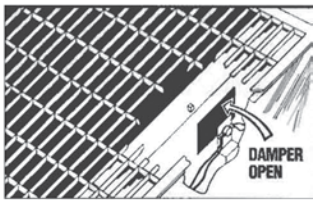
The Safety Limit Control on a COZY Furnace offers you two settings to assure proper performance in any weather.

10 YEAR LIMITED WARRANTY

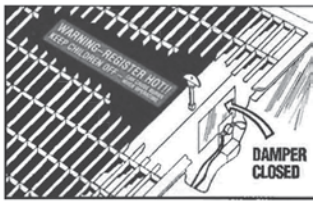
Limited Warranty on Combustion Chamber and Burner

Features:

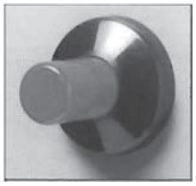
- Narrow Width 30,000 BTU Model installs between a standard 16" center joist without cutting the joist.
- Continuous-Seam Welded Combustion Chamber constructed of heavy 18 gauge steel maximizes heat transfer.
- Inner Jacket is suspended with "U" type interlocking brackets and is easily removed for cleaning.
- Jet Tube Burners are durably constructed of aluminized steel and provide excellent flame characteristics for natural gas. Slotted-port design eliminates ignition and extinction noise. Warranted for 10 years (non pro-rated) .
- 100% Safety Pilot/Built-in Pressure Regulator completely stops the flow of gas in the event pilot flame is extinguished. Built-in pressure regulator protects against line pressure surge.
- Low BTU Pilot is durably constructed of stainless steel and provides maximum efficiency during standby.
- Safety Limit Control maintains the lowest possible grille temperature consistent with heating required. Also cycles unit off in the event grille is blocked by a rug or furniture.
- Wall Thermostat is standard on all models and provides maximum comfort and ease of operation.
- Pyrex Vision Cap provides quick, safe visual check of burner and pilot operation.
- Draft Diverter is included in all units and prevents pilot and burner outage due to downdraft.
- Millivolt Control Assembly means no electricity is required to operate the unit. Heat is provided even during power failure.
- Matchless Spark Ignition eliminates the need for matches or lighting tools.



Setting No. 1
In mild weather, operate furnace with damper open. Furnace will cycle on and off maintaining a moderate grille temperature and an even room temperature.



Setting No. 2
In extremely cold weather, close damper (which exposes hot register warming plate). Furnace will then put out maximum amount of heat until room temperature reaches setting on wall thermostat.



Manual Spark Igniter
Convenient push button pilot flame lighter eliminates the need for matches or other lighting tools.

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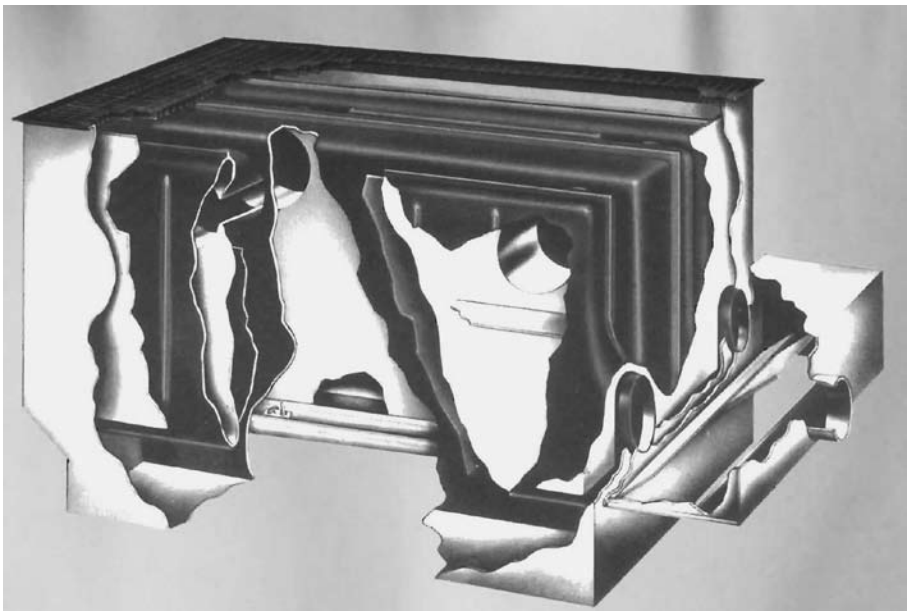
CHALLENGER VENTED GAS FLOOR FURNACES *(cont'd)*

The COZY CHALLENGER is a completely modern heating appliance, featuring durable, high-quality construction. The combustion chamber is precision-formed, continuous-seam welded 18 gauge steel, warranted for 10 years against rustout or burnout. The outer casing is constructed of heavy duty galvanized steel, lapped and spot welded for rugged durability. The floor grille consists of brown baked-enamel steel for beauty and strength.

The COZY CHALLENGER is certified by the Canadian Standards Association (U.S.) for safe, efficient operation. The unit control features a 100% safety-pilot and low-BTU operation during standby. L.P. Conversion Kits are available.



SPECIFICATIONS

Model Number	90N30	90N50	90N65	90N75
Type Gas	Natural*	Natural*	Natural*	Natural*
BTU Input Per Hour	30,000	50,000	62,000	75,000
Width and Length	14" × 32"	22" × 32"	24" × 38"	26" × 42"
Height Overall	29-1/4"	29-1/4"	29-7/8"	30-7/8"
Grille Size Overall	16" × 34-1/8"	24" × 34"	26" × 40"	28" × 44"
Size of Floor Opening	14-1/4" × 32-1/4"	22-1/2" × 32-1/2"	24-1/2" × 38-1/2"*	26-1/2" × 42-1/2"
Gas Pipe Size at Furnace	1/2"	1/2"	1/2"	1/2"
Vent Pipe Opening	4"	4"	5"	5"
Floor to Center Line of Vent	22"	22"	22"	22-1/2"
Shipping Weight	108 lbs.	126 lbs.	152 lbs.	181 lbs.

*L.P. Conversion Kits available – Specify altitude if other than 2,000 ft. elevation.

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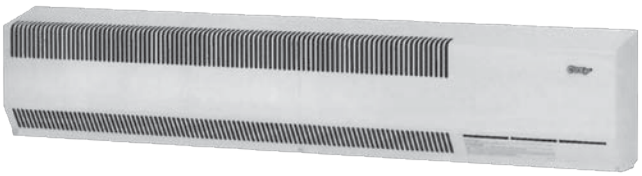
DIRECT VENT GAS-FIRED BASEBOARD HEATERS

The patented COZY Gas-Fired, Direct Vent Baseboard Heater is unique from any gas heater currently offered! With high efficiency and state-of-the-art styling, it is a perfect answer in the following heating applications and installs on any outside wall:



- Retrofitting expensive electric baseboard heaters (approximately 75% less operating cost).
- Single and multi-family dwellings, high-rise, commercial, and manufactured housing applications.
- Transitional entryways, under-window installations.
- Residential add-ons and sun porch applications.
- Cold-spots, or any application where space is at a premium!

COZY gas-fired baseboard technology was developed by three utility companies in Canada. They are eminently reliable and safe. COZY Baseboard Heaters are approved for use in mobile home applications. Always consult with your local building code officials.

Features:

- Two models 5,000 BTU (4 ft.) and 9,000 BTU (6 ft.) to choose from.
- 24 Volt wall thermostat (115 volt required) standard.
- Power cord (6 ft. on 5,000 BTU, 9 ft. on 9,000 BTU).
- Transistorized, self diagnosing ignition module.
- Ball valve with 4" flex connector standard.
- Tubular, aluminized combustion chamber warranted for 10 years (no pro rata).
- High efficient in-shot burner.
- Standard vent fits any 4" – 16" outside wall application.
- Sealed combustion, draws no room air and exhausts unburned flue products to the outside.
- Reliable direct spark igniter (standard).
- Requires only a 2-1/2" wall opening (standard).
- Up to three (3) units may be operated in parallel on one wall thermostat.
- Flame proving, automatic draft induced control assures maximum efficiency and safety.
- Vent may be installed from the inside for multi-storey applications (see Vent Weather Seal Kit).

5,000 BTU
(Face Off)
48" (122 cm)

9,000 BTU
(Face Off)
72" (183 cm)

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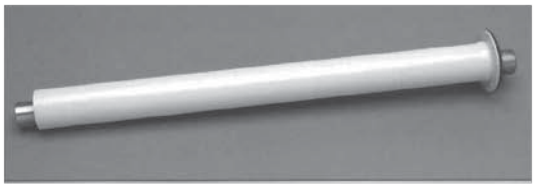
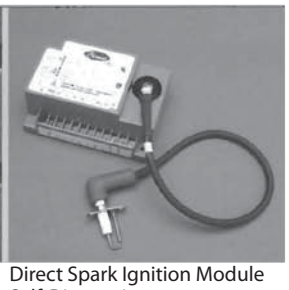
DIRECT VENT GAS-FIRED BASEBOARD HEATERS *(cont'd)*

STANDARD ITEMS

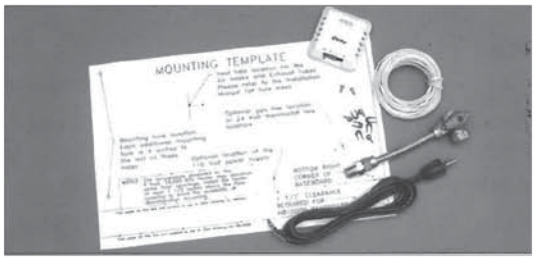


4" – 16" Vent System (Standard)

Standard Vent with 1-1/2" I.D. Seal

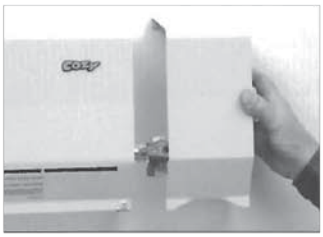


Direct Spark Ignition Module Self-Diagnosing



Mounting Template, 24 Volt Wall T-Stat Kit, Power Cord and Flex Connector with Ball Valve

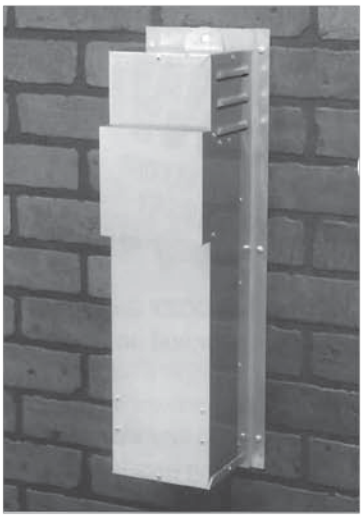
OPTIONAL ACCESSORIES



Side Valve Concealer

Bottom Valve Concealer

Vent Weather Seal Kit with 2" I.D. Seal



Vent Riser Kit

SPECIFICATIONS

Model No.	Input BTU/ Hr.	Watts	Type Gas	Type Control	AFUE	Width	Depth	Height	Gas Conn.	Voltage	Min. Center of Vent to Floor	Wall Opening	Wall Max. Thickness	Wall Min. Thickness	Ship Weight
BBT53	5,000	1,465	Nat.	24 Volt	73.0%	48"	5-3/8"	9-3/8"	3/8"	115V	7-3/4"	2-1/2"*	16"	4"	46 lbs.
BBT54	5,000	1,465	L.P.	24 Volt	73.0%	48"	5-3/8"	9-3/8"	3/8"	115V	7-3/4"	2-1/2"*	16"	4"	46 lbs.
BBT103	9,000	2,930	Nat.	24 Volt	80.4%	72"	5-3/8"	9-3/8"	3/8"	115V	7-3/4"	2-1/2"*	16"	4"	62 lbs.
BBT104	9,000	2,930	L.P.	24 Volt	80.4%	72"	5-3/8"	9-3/8"	3/8"	115V	7-3/4"	2-1/2"*	16"	4"	62 lbs.

NOTE: Conversion Kits are available for Nat. or L.P. Gas (specify existing model no.)
*Standard – with Vent Weather Seal Kit – 3" opening

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